

### ABSTRACT OF THE DISCLOSURE

A crown prosthesis having a wear resistance and an aesthetic property that are equivalent to those of the conventional hard resin, and being able to be fixed inside the oral cavity in a short time to form a dental prosthesis, without necessity of careful formation of an abutment tooth under consideration of the shape and the structure of the dental prosthesis to be produced later. It also offers no necessity of indirect production of the dental prosthesis outside the oral cavity, the crown prosthesis comprising a polymer of a mixture of a polymerizable compound having an unsaturated double bond, a filler and a polymerization initiator, and having an outer shape resembling a tooth and a space to be filled with a dental composite resin between an inner surface thereof and an abutment tooth, preferably having a thickness of 0.1 to 2 mm, and having, in its inside space, a protrusion having a slot or a hole, for engaging or inserting a post implanted on a tooth root of a remaining tooth.